

Material Type		
UNS C63280	Cu 6328	2.0923

Characteristics
WAAM Al-Ni bronze wire like CuAl9Ni5Fe3Mn2 type designed for 3D-printing processes. This alloy is resistant to seawater and cavitation resistant.

Typical analysis of the solid wire (wt.-%)					
	Mn	Ni	Fe	Al	Cu
wt.-%	1.0	4.5	3.5	9.0	Bal.

Available products	
Diameter:	1,2 mm
Package:	BS300 – Drum – S760 300
Other diameters and packages on request.	

Typical mechanical properties acc.to EN ISO 15792-1			
Heat treatment	Yield strength R _{p0.2}	Tensile strength R _m	Elongation (L ₀ =5d ₀)
	MPa	MPa	%
u	390	680	15
u untreated, shielding gas 100 % Ar			

Classification as welding consumable:

EN ISO 24373	AWS A5.7
S Cu 6328 (CuAl9Ni5Fe3Mn2)	ER CuNiAl